

PRODUCT CATALOGUE

[SHAKER]

COMPANY PROFILE

COMPANY PROFILE

Suzhou Prcxi Bioinformatics Co., Ltd is an innovative automation technology company built in 2014, to provide one-stop solution for life science industry, such as biopharmaceutical, clinical diagnosis, public health and epidemic prevention, food safety, agricultural breeding and other laboratories.

It commits to R&D and manufacture bioinformatic products, integrate the instruments with the customer' s applications to enable the customer to turn insights into outcomes at the speed required to thrive in today's complex world.

It provides the first-class equipment, consumables, services and solutions to make laboratory work process more accurate, efficient, repeatable and compliant.

PRCXI is one of the earliest companies in China to start up systematic research on pipette handling system. It has gained profound R&D experience and a large group of technical talents.

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Cell Shaker

A CO₂ shaker, also known as a cell culture shaker, is a piece of lab equipment that promotes cell growth and reproduction by periodically oscillating to expose cells in a culture flask to nutrients and oxygen evenly. It has high precision and stable control, which is suitable for research in biology, medicine and other fields, and provides a good growth environment for cells.

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Bacterial Shaker

The bacterial shaker is an experimental equipment used for cultivating microorganisms, which simulates the natural environment for microbial growth through the set temperature and shaking action, promotes the full contact of cells with nutrients, and accelerates growth and reproduction. It is widely used in the fields of biology, medicine and bioengineering, providing important support for scientific research and industrial production.

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High-performance CO₂ oscillation incubator

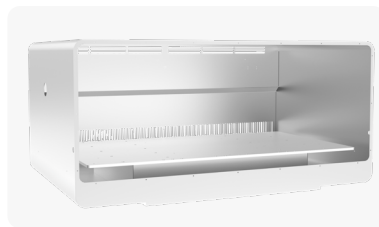
- | Precise temperature control
- | No pollution
- | Stress-free culture





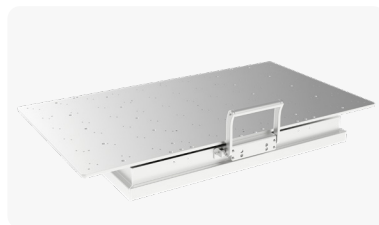
Floating upper door

Compared with the traditional lower door design, the space occupied less and the operation is more convenient, quicker in the box body.



Anti-pollution design

The inner cavity is made of food-grade antimicrobial and anticorrosive stainless steel, which has been verified by the third party to effectively inhibit bacterial growth and ensure that experiments are carried out without hindrance.



Aluminum rocker panel

One-piece pull-out 8mm thick aluminum alloy rocker plate, unique sliding way, with convenient one-touch locking buckle, one-handed completion of the pull-out; more effective use of space inside the box.



Humanized design

Using a large screen of 7-inch LCD system capacitive touch screen, it is of sensitive touch, and high-definition pixels; Temperature, RPM, Time, Daylight, UV sterilization are displayed on the same interface, observation is more intuitive.



CO₂ Sensor

Imported CO₂ infrared more sensor detection, works accurately and worry- freely



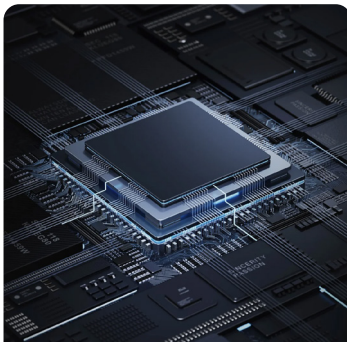
Imported Compressor

Imported compressor, faster and more stable temperature control



High-end servo moto

With precise control speed, good performance and strong stability



Control algorithm

Imported chip intelligent microcomputer control, accurate and stable algorithm



High-end bearings

Three-dimensional integration of five-axis linkage system, with imported bearings, under high speed it still could do stable operation.



CO₂ Filter

Equipped with a high-efficiency filter to ensure the purity of the intake air and could effectively isolate pollution

Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.

Optional Accessories



Fixed Fixture



Spring perch



Stick plate



Tube Stent15/50ml



Aluminum Fixture Plate



Base Bracket

Specification

Product type	XB-G1		XB-G2		XB-G3	
No-load oscillation speed	5 rpm – 310 rpm (250 Rpm For The Third Level)					
Speed control accuracy	±1rpm					
Amplitude of oscillation	Φ50mm (standard) Φ26mm (optional)					
Temperature control range	4 °C~60 °C (at room temperature23°C-25°C)					
Temperature control	±0.1 °C					
Temperature uniformity	±0.3°C (@ 37 °C)					
Co2 controlrange	0-20%					
Co2 control accuracy	0.1%					
Display mode	LCD touch screen					
Convective mode	forced convection					
Control method	P.I.D microcomputer intelligent control					
Timing range	1min ~ 999h					
Rocker plate size	930×530mm					
Maximum capacity	250ml×66 or 500ml×45 or 1L×28 or 2L×15 (single layer)					
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz					
Rated power approx	1200W (single layer)					
Overall dimensions	First layer 1340×853×666mm		Second layer 1340×853×1232mm		Third layer 1340×853×1798mm	
Total weight approx	235kg		465kg		695kg	
Noise (dB)	≤55dB					

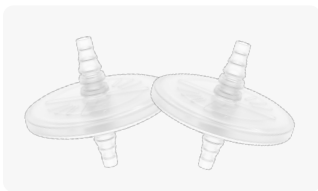
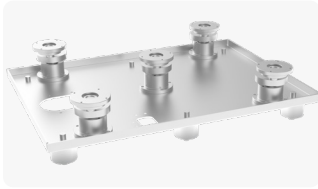
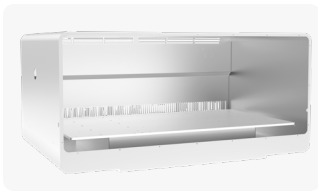
Large capacity CO₂ oscillation incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability.
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● High stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 7 inch LCD system capacitive touch screen, touch sensitive, high-definition pixels; temperature . RPM . Time . Daylight . UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, making the experiment more intelligent.

● Sensitive CO₂ control system

Imported CO₂ infrared sensor, automatic control of CO₂ concentration, high precision control; equipped with a high-efficiency filter to ensure the purity of the incoming air, effectively isolate the pollution

Specification

Product type	XB-D1	XB-D2	XB-D3
No-load oscillation speed	5 rpm – 300 rpm (250 Rpm For The Third Level)		
Speed control accuracy	±1rpm		
Amplitude of oscillation	Φ50mm (standard) Φ26mm (optional)		
Temperature control range	4 °C~60 °C (at room temperature 23°C-25°C)		
Temperature control	±0.1 °C		
Temperature uniformity	±0.5°C (@ 37 °C)		
Co2 control range	0-20%		
Co2 control accuracy	0.1%		
Display mode	LCD touch screen		
Convective mode	forced convection		
Control method	P.I.D microcomputer intelligent control		
Timing range	1min ~ 999h		
Rocker plate size	930×530mm		
Maximum capacity	250ml×66 or 500ml×45 or 1L×28 or 2L×15 (single layer)		
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz		
Rated power approx	1200W (single layer)		
Overall dimensions	First layer 1370×813×658mm	Second layer 1370×813×1216mm	Third layer 1370×813×1774mm
Total weight approx	225kg	450kg	675kg
Noise (dB)	≤55dB		

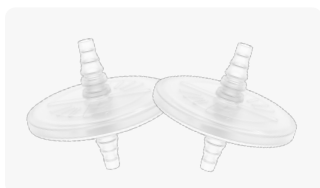
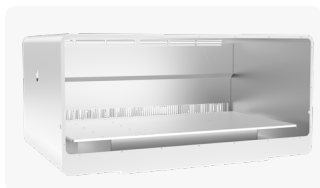
Medium capacity CO₂ oscillatory incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● High stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 5 inch LCD system capacitive touch screen, touch sensitive, high-definition pixels; temperature . RPM . Time . Daylight . UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, making the experiment more intelligent.

● Sensitive CO₂ control system

Imported CO₂ infrared sensor, automatic control of CO₂ concentration, high precision control; equipped with a high-efficiency filter to ensure the purity of the incoming air, effectively isolate the pollution

Specification

Product type	XB-Z1	XB-Z2	XB-Z3
No-load oscillation speed	5 rpm – 300 rpm (250 rpm for the third level)		
Speed control accuracy	±1rpm		
Amplitude of oscillation	Φ50mm (standard) Φ26mm (optional)		
Temperature control range	4 °C~60 °C (at room temperature 23°C-25°C)		
Temperature control	±0.1 °C		
Temperature uniformity	±0.5°C (@ 37 °C)		
Co2 control range	0-20%		
Co2 control accuracy	0.1%		
Display mode	LCD touch screen		
Convective mode	forced convection		
Control method	P.I.D microcomputer intelligent control		
Timing range	1min ~ 999h		
Rocker plate size	555×530mm		
Maximum capacity	250ml×36 or 500ml×25 or 1L×16 or 2L×9 (single layer)		
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz		
Rated power approx	800W (single layer)		
Overall dimensions	First layer 990×800×635mm	Second layer 990×800×1200mm	Third layer 990×800×1765mm
Total weight approx	161kg	289kg	438kg
Noise (dB)	≤55dB		

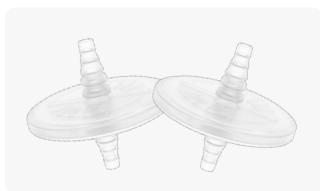
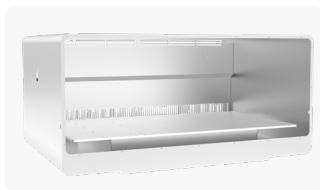
Small volume CO₂ oscillation incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● High stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 5 inch LCD system capacitive touch screen, touch sensitive, high-definition pixels; temperature . RPM . Time . Daylight . UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, making the experiment more intelligent.

● Sensitive CO₂ control system

Imported CO₂ infrared sensor, automatic control of CO₂ concentration, high precision control; equipped with a high-efficiency filter to ensure the purity of the incoming air, effectively isolate the pollution

Specification

Product type	XB-X1	XB-X2	XB-X3
No-load oscillation speed	5 rpm – 300 rpm		
Speed control accuracy	±1rpm		
Amplitude of oscillation	Φ50mm (standard) Φ26mm (optional)		
Temperature control range	4 °C~60 °C (at room temperature 23°C-25°C)		
Temperature control	±0.1 °C		
Temperature uniformity	±0.5°C (@ 37 °C)		
CO ₂ control range	0-20%		
CO ₂ control accuracy	0.1%		
Display mode	LCD touch screen		
Convective mode	forced convection		
Control method	P.I.D microcomputer intelligent control		
Timing range	1min ~ 999h		
Rocker plate size	575 × 465mm		
Maximum capacity	250ml×30 or 500ml×20 or 1L×12 or 2L×6 (single layer)		
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz		
Rated power approx	700W (single layer)		
Overall dimensions	First layer 940×800×635mm	Second layer 940×800×1200mm	Third layer 940×800×1765mm
Total weight approx	132kg	255kg	366kg
Noise (dB)	≤55dB		

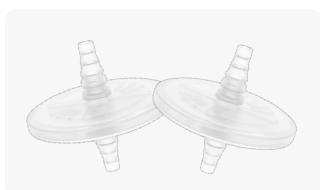
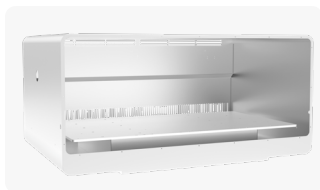
Vertical CO₂ Oscillatory incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability.
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● high stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 5 inch LCD system capacitive touch screen, touch sensitive, high-definition pixels; temperature . RPM . Time . Daylight . UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, making the experiment more intelligent.

● Sensitive CO₂ control system

Imported CO₂ infrared sensor, automatic control of CO₂ concentration, high precision control; equipped with a high-efficiency filter to ensure the purity of the incoming air, effectively isolate the pollution

Specification

Product type	XB-L2
No-load oscillation speed	5 rpm – 300 rpm
Speed control accuracy	±1rpm
Amplitude of oscillation	Φ26mm
Temperature control range	4 °C~60 °C (at room temperature23°C-25°C)
Temperature control	±0.1 °C
Temperature uniformity	±0.8°C (@ 37 °C)
Co ₂ control range	0-20%
Co ₂ control accuracy	0.1%
Display mode	LCD touch screen
Convective mode	forced convection
Control method	P.I.D microcomputer intelligent control
Timing range	1min ~ 999h
Rocker plate size	480×480mm
Maximum capacity	250ml×25 or 500ml×16 or 1L×9 (共Second layer)
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz
Rated power approx	800W (single layer)
Overall dimensions	688×688×1280mm
Total weight approx	190kg
Noise (dB)	≤55dB

High-performance Oscillation incubator

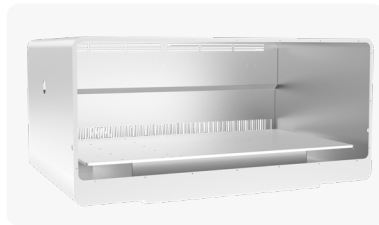
- | Precise temperature control
- | No pollution
- | Stress-free culture





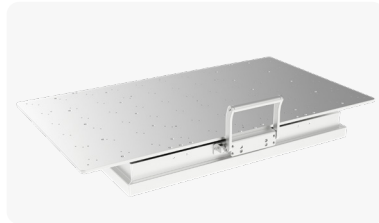
Floating upper door

Compared with the traditional lower door design, the space occupied less and the operation is more convenient, quicker in the box body.



Anti-pollution design

The inner cavity is made of food-grade antimicrobial and anticorrosive stainless steel, which has been verified by the third party to effectively inhibit bacterial growth and ensure that experiments are carried out without hindrance.



Aluminum rocker panel

One-piece pull-out 8mm thick aluminum alloy rocker plate, unique sliding way, with convenient one-touch locking buckle, one-handed completion of the pull-out; more effective use of space inside the box.



Humanized design

Using a large screen of 7-inch LCD system capacitive touch screen, it is of sensitive touch, and high-definition pixels; Temperature, RPM, Time, Daylight, UV sterilization are displayed on the same interface, observation is more intuitive.



Customized passwords

Passwords are customizable to keep information secure.



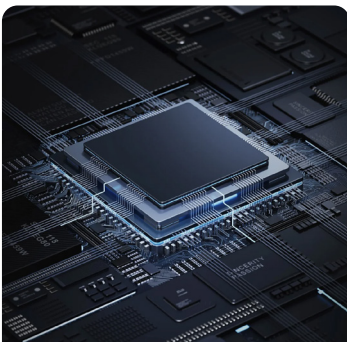
Imported Compressor

Imported compressor, faster and more stable temperature control



High-end servo moto

With precise control speed, good performance and strong stability



Control algorithm

Imported chip intelligent microcomputer control, accurate and stable algorithm



High-end bearings

Three-dimensional integration of five-axis linkage system, with imported bearings, under high speed it still could do stable operation.



Multi-stage programmable

Multi-segment customizable programming up to 100 levels for smarter experiments

Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.

Optional Accessories



Fixed Fixture



Spring perch



Stick plate



Tube Stent15/50ml



Aluminum Fixture Plate



Base Bracket

Specification

Product type	XJ-G1	XJ-G2	XJ-G3
No-load oscillation speed	5 rpm – 310 rpm (250 Rpm For The Third Level)		
Speed control accuracy	±1rpm		
Amplitude of oscillation	Φ26mm (standard) Φ50mm (optional)		
Temperature control range	4 °C ~ 60 °C (at room temperature 23°C-25°C)		
Temperature control	±0.1 °C		
Temperature uniformity	±0.3°C (@ 37 °C)		
Display mode	LCD touch screen		
Convective mode	forced convection		
Control method	P.I.D microcomputer intelligent control		
Timing range	1min ~ 999h		
Rocker plate size	930×530mm		
Maximum capacity	250ml×66 or 500ml×45 or 1L×28 or 2L×15 (single layer)		
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz		
Rated power approx	1200W (single layer)		
Overall dimensions	First layer 1340×853×666mm	Second layer 1340×853×1232mm	Third layer 1340×853×1798mm
Total weight approx	235kg	465kg	695kg
Noise (dB)	≤55dB		

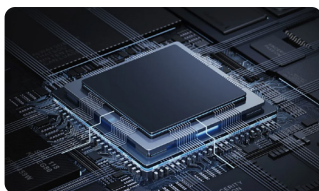
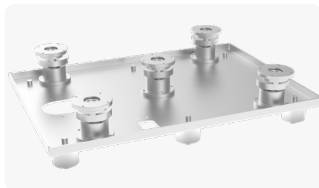
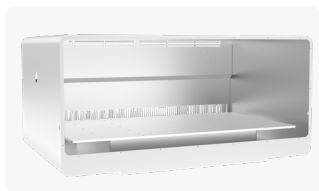
Ultra-large capacity full-temp Oscillation incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● High stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 7 inch LCD system capacitivetouch screen, touch sensitive, pixel high definition; temperature. RPM. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, so that the experiment is more intelligent.

● Precise temperature control

Imported compressor with microcomputer control algorithms, imported temperature probe real-time monitoring, temperature control is more accurate; using high-density polyurethane foam filling technology, good thermal insulation, temperature uniformity

Specification

Product type	XJ-CD1	XJ-CD2
No-load oscillation speed	5 rpm – 300 rpm (250 Rpm For The Third Level)	
Speed control accuracy	±1rpm	
Amplitude of oscillation	Φ26mm (standard) Φ50mm (optional)	
Temperature control range	4 °C ~ 60 °C (at room temperature 23°C-25°C)	
Temperature control	±0.1 °C	
Temperature uniformity	±0.5°C (@ 37 °C)	
Display mode	LCD touch screen	
Convective mode	forced convection	
Control method	P.I.D microcomputer intelligent control	
Timing range	1min ~ 999h	
Rocker plate size	930×530mm	
Maximum capacity	250ml×66 or 500ml×45 or 1L×28 or 2L×15 or 3L×11 or 5L×8 (single layer)	
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz	
Rated power approx	1200W (single layer)	
Overall dimensions	First layer 1380×807×778mm	Second layer 1380×807×1456mm
Total weight approx	450kg	675kg
Noise (dB)	≤55dB	

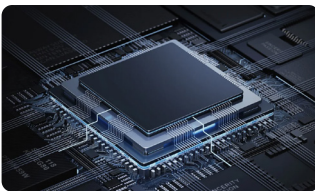
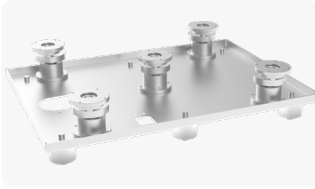
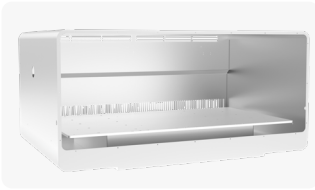
Large capacity full-temp Oscillation incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability.
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● high stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 7 inch LCD system capacitivetouch screen, touch sensitive, pixel high definition; temperature. RPM. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, so that the experiment is more intelligent.

● Precise temperature control

Imported compressor with microcomputer control algorithms, imported temperature probe real-time monitoring, temperature control is more accurate; using high-density polyurethane-foam filling technology, good thermal insulation, temperature uniformity

Specification

Product type	XJ-D1	XJ-D2	XJ-D3
No-load oscillation speed	5 rpm – 300 rpm (250 rpm for the third level)		
Speed control accuracy	±1rpm		
Amplitude of oscillation	Φ26mm (standard) Φ50mm (optional)		
Temperature control range	4 °C ~ 60 °C (at room temperature 23°C-25°C)		
Temperature control	±0.1 °C		
Temperature uniformity	±0.5°C (@ 37 °C)		
Display mode	LCD touch screen		
Convective mode	forced convection		
Control method	P.I.D microcomputer intelligent control		
Timing range	1min ~ 999h		
Rocker plate size	930×530mm		
Maximum capacity	250ml×66 or 500ml×45 or 1L×28 or 2L×15 (single layer)		
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz		
Rated power approx	1200W (single layer)		
Overall dimensions	First layer 1370×813×658mm	Second layer 1370×813×1216mm	Third layer 1370×813×1774mm
Total weight approx	225kg	450kg	675kg
Noise (dB)	≤55dB		

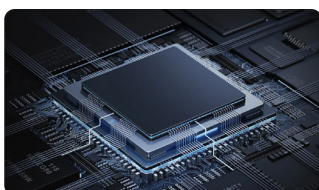
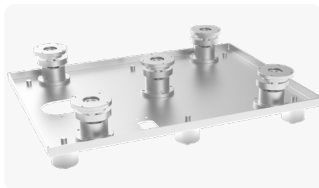
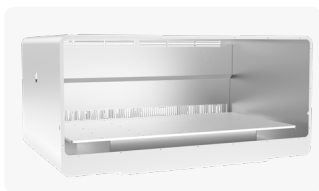
Medium-capacity full-temp Oscillation incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability.
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● High stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 5 inch LCD system capacitivetouch screen, touch sensitive, pixel high definition; temperature. RPM. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, so that the experiment is more intelligent.

● Precise temperature control

Imported compressor with microcomputer control algorithms, imported temperature probe real-time monitoring, temperature control is more accurate; using high-density polyurethane-foam filling technology, good thermal insulation, temperature uniformity

Specification

Product type	XJ-Z1	XJ-Z2	XJ-Z3
No-load oscillation speed	5 rpm – 300 rpm (250 rpm for the third level)		
Speed control accuracy	±1rpm		
Amplitude of oscillation	Φ26mm (standard) Φ50mm (optional)		
Temperature control range	4 °C ~ 60 °C (at room temperature 23°C-25°C)		
Temperature control	±0.1 °C		
Temperature uniformity	±0.5°C (@ 37 °C)		
Display mode	LCD touch screen		
Convective mode	forced convection		
Control method	P.I.D microcomputer intelligent control		
Timing range	1min ~ 999h		
Rocker plate size	555×530mm		
Maximum capacity	250ml×36 or 500ml×25 or 1L×16 or 2L×9 (single layer)		
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz		
Rated power approx	800W (single layer)		
Overall dimensions	First layer 990×800×635mm	Second layer 990×800×1200mm	Third layer 990×800×1765mm
Total weight approx	161kg	289kg	438kg
Noise (dB)	≤55dB		

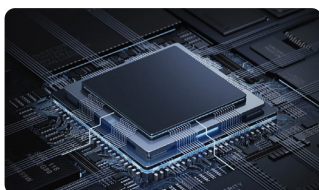
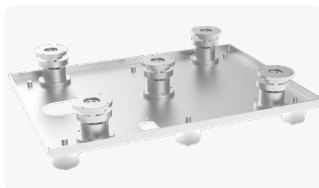
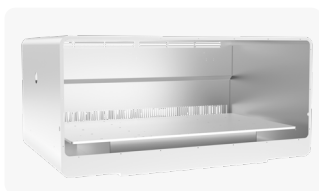
Small volume full-temp Oscillation incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability.
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● High stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 5 inch LCD system capacitivetouch screen, touch sensitive, pixel high definition; temperature. RPM. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, so that the experiment is more intelligent.

● Precise temperature control

Imported compressor with microcomputer control algorithms, imported temperature probe real-time monitoring, temperature control is more accurate; using high-density polyurethane-foam filling technology, good thermal insulation, temperature uniformity

Specification

Product type	XJ-X1	XJ-X2	XJ-X3
No-load oscillation speed		5 rpm – 300 rpm	
Speed control accuracy		±1rpm	
Amplitude of oscillation		Φ26mm (standard) Φ50mm (optional)	
Temperature control range		4 °C ~ 60 °C (at room temperature 23°C-25°C)	
Temperature control		±0.1 °C	
Temperature uniformity		±0.5°C (@ 37 °C)	
Display mode		LCD touch screen	
Convective mode		forced convection	
Control method		P.I.D microcomputer intelligent control	
Timing range		1min ~ 999h	
Rocker plate size		575×465mm	
Maximum capacity		250ml×30 or 500ml×20 or 1L×12 or 2L×6 (single layer)	
Power supply		AC 220 V ±10 %, 50 Hz/60 Hz	
Rated power approx		700W (single layer)	
Overall dimensions	First layer 940×800×635mm	Second layer 940×800×1200mm	Third layer 940×800×1765mm
Total weight approx	132kg	255kg	366kg
Noise (dB)		≤55dB	

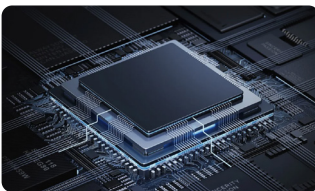
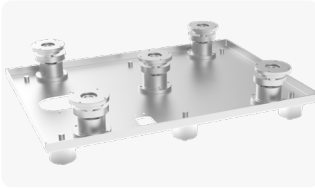
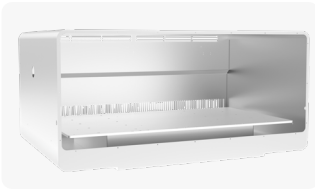
Tabletop full-temp Oscillatory incubator

- | Precise temperature control
- | No pollution
- | Stress-free culture



Performance Description

- This unit features a stacked design for maximum usage efficiency with minimum space. With automatic defrost function, it can run for a long time at low temperature without worry.
- Hollow tempered glass door is beautiful and practical, easy to observe the inside of the box. Seamless welded inner cavity, easy to clean, equipped with filter magnetic ring to ensure the stability.
- The function of once opening the door and it will immediately stop. Adopting non-fluorine environmental protection refrigerant. Side oxygenating holes could meet the experimental needs.
- Support chinese and english interfaces to adapt to different usage habits. automatic power-off recovery in abnormal situations, more security on data.
- The operation interface is locked with a password to avoid repetition and misoperation. customized password for convenient use. With data storage function, which could store data for 5 years.
- Dual usb interface, easy to export and save experimental data. With sound and light alarm and protection function, and the alarm information can be recorded and queried.



● Anti-pollution design

The inner cavity is made of food-grade antimicrobial anticorrosive stainless steel, verified by the third party, which effectively inhibits the growth of bacteria and ensures the smooth progress of experiments. 8mm thick aluminum alloy rocker plate is equipped with a key switch locking, which is easy to clean and corrosion-resistant without dead corners.

● high stability

High-end servo motors, precise control speed, good performance, strong stability; the use of imported five-axis bearing motion system, high speed stable operation; unique slide way, better stability of the pallet, the pallet can be pulled out longer distance.

● Humanized design

Using 5 inch LCD system capacitivetouch screen, touch sensitive, pixel high definition; temperature. RPM. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. Multi-segment running program can be programmed, up to 100 segments, so that the experiment is more intelligent.

● Precise temperature control

Imported compressor with microcomputer control algorithms, imported temperature probe real-time monitoring, temperature control is more accurate; using high-density polyurethane-foam filling technology, good thermal insulation, temperature uniformity

Specification

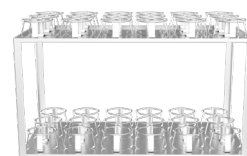
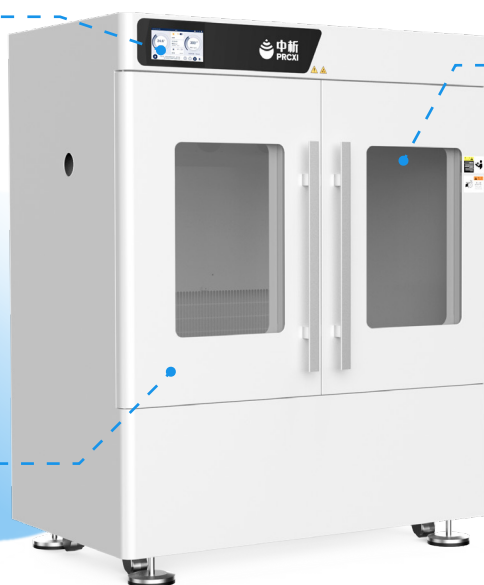
Product type	XJ-L2
No-load oscillation speed	5 rpm – 300 rpm
Speed control accuracy	±1rpm
Amplitude of oscillation	Φ26mm
Temperature control range	4 °C~60 °C (at room temperature 23°C-25°C)
Temperature control	±0.1 °C
Temperature uniformity	±0.8°C (@ 37 °C)
Display mode	LCD touch screen
Convective mode	forced convection
Control method	P.I.D microcomputer intelligent control
Timing range	1min ~ 999h
Rocker plate size	480×480mm
Maximum capacity	250ml×25 or 500ml×16 or 1L×9 (共Second layer)
Power supply	AC 220 V ±10 %, 50 Hz/60 Hz
Rated power approx	800W (single layer)
Overall dimensions	688×688×1280mm
Total weight approx	190kg
Noise (dB)	≤55dB

Vertical large-capacity full-temp oscillation incubator

Multi-segment running program can be programmed, up to 100 segments, to make the experiment more intelligent.

High-end servo motor with imported five-axis bearings for precise speed control.

The inner cavity is made of food-grade antimicrobial and anticorrosive stainless steel.



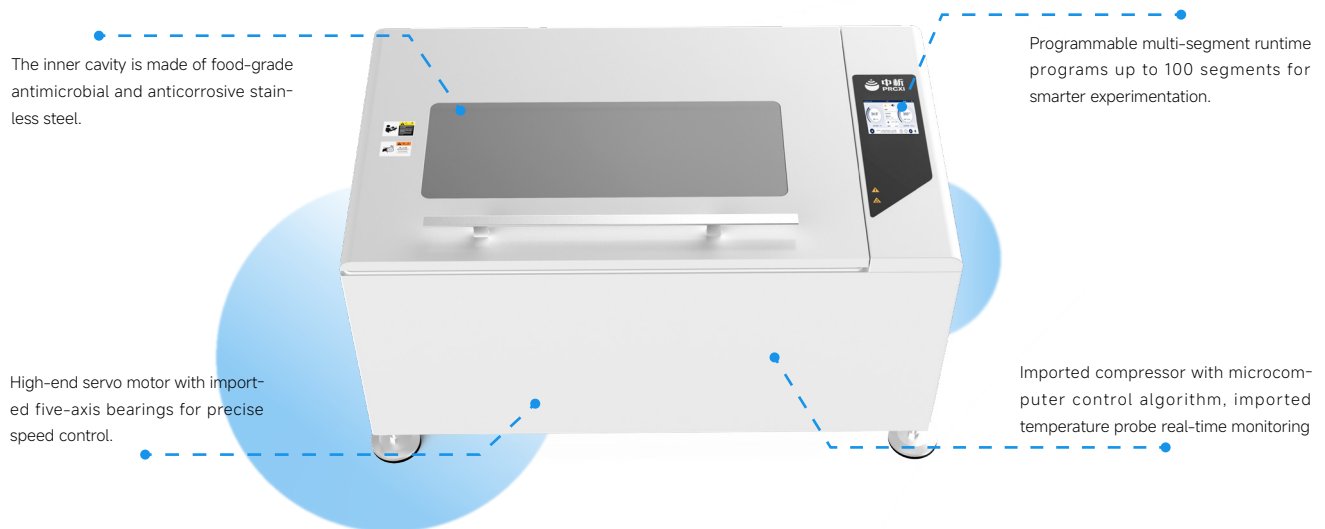
Performance Description

- Vertical double-layer rocker panel design, to achieve maximum efficiency with minimum space. Equipped with automatic defrosting function, long time low temperature operation is no worry.
- Equipped with hollow tempered glass door is beautiful and practical, convenient to observe the situation inside the box. Seamless welding inside cavity, waterproof design, easy to clean, equipped with filter magnetic ring to ensure stability.
- Open and stop function improves safety and convenience. Adopting non-fluorine environmental protection refrigerant, low noise and high efficiency refrigeration; Side oxygenation holes to meet the needs of experiments
- Supports Chinese and English interfaces, adapting to different usage habits. Dual USB interface, easy to export and save experimental data. Data storage function, can store data for 5 years
- Using 5 inch LCD system capacitive touch screen; Temperature. Speed. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. The operation interface is set with password lock, and the password can be customized.
- Automatic recovery from power failure in abnormal situation, more secure data. With sound and light alarm and protection function, alarm information can be recorded and queried.

Specification

Product type	XJ-LD2	Control method	P.I.D microcomputer intelligent control
No-load oscillation speed	5 rpm ~ 300 rpm	Timing range	1min ~ 999h
Speed control accuracy	±1rpm	Rocker plate size	480×920mm
Amplitude of oscillation	Φ26mm	Maximum capacity	250ml×50 or 500ml×32 or 1L×18 or 2L×10 (共Second layer)
Temperature control range	4 °C ~ 60 °C (RT 23°C-25°C)	Power supply	AC 220 V ±10 %, 50 Hz/60 Hz
Temperature control	±0.1 °C	Rated power approx	1200W (single layer)
Temperature uniformity	±0.8°C (@ 37 °C)	Overall dimensions	1150×710×1430mm
Display mode	LCD touch screen	Total weight approx	285kg
Convective mode	forced convection	Noise (dB)	≤55dB

Horizontal full-temp oscillation incubator



Performance Description

- Adopting the upper door opening design for easy access, realizing the maximum use efficiency with the minimum space. Equipped with automatic defrost function, long time low temperature operation is no worry.
- Equipped with hollow tempered glass door is beautiful and practical, convenient to observe the situation inside the box. Seamless welding inside cavity, waterproof design, easy to clean, equipped with filter magnetic ring to ensure stability.
- Open and stop function improves safety and convenience. Adopting non-fluorine environmental protection refrigerant, low noise and high efficiency refrigeration; Side oxygenation holes to meet the needs of experiments
- Supports Chinese and English interfaces, adapting to different usage habits. Dual USB interface, easy to export and save experimental data. Data storage function, can store data for 5 years
- Using 5 inch LCD system capacitive touch screen; Temperature. Speed. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. The operation interface is set with password lock, and the password can be customized.
- Automatic recovery from power failure in abnormal situation, more secure data. With sound and light alarm and protection function, alarm information can be recorded and queried.

Specification

Product type	XJ-W1	Control method	P.I.D microcomputer intelligent control
No-load oscillation speed	5 rpm – 300 rpm	Timing range	1min ~ 999h
Speed control accuracy	±1rpm	Rocker plate size	518×424mm
Amplitude of oscillation	Φ26mm	Maximum capacity	250mlX30 or 500mlX20 or 1LX12 or 2LX6
Temperature control range	4 °C~60 °C (RT 23°C-25°C)	Power supply	AC 220 V ±10 %, 50 Hz/60 Hz
Temperature control	±0.1 °C	Rated power approx	700W
Temperature uniformity	±0.8°C (@ 37 °C)	Overall dimensions	908×657×559mm
Display mode	LCD touch screen	Total weight approx	90kg
Convective mode	forced convection	Noise (dB)	≤55dB

Desktop Constant Temperature Oscillation Incubator



Performance Description

- Adopting the upper door opening design for easy access and compact structure, it realizes the maximum use efficiency with minimum space.
- Fully transparent shell is beautiful and practical, easy to observe the situation inside the box. Equipped with filter magnetic ring to ensure stability.
- Configuration of well-designed dynamic balancing system, so that the machine is high-speed and smooth, smooth operation and very low noise.
- Equipped with sound and light alarms and protection functions; the stop-on-opening function enhances safety and convenience.
- Uses 4.3" HD color touch screen; TFT display, can set speed, temperature and time
- Hardware using microcomputer MCU, software using new control algorithms, stable control of performance parameters, good temperature uniformity

Specification

Product type	XJ-ZM	Control method	P.I.D microcomputer intelligent control
No-load oscillation speed	50 rpm – 300 rpm	Timing range	1min ~ 99h59m/OFF
Speed control accuracy	±1rpm	Rocker plate size	420×420mm
Amplitude of oscillation	Φ26mm	Maximum capacity	250ml×16 or 500ml×9 or 1L×9 or 2L×4 or 3L×4
Temperature control range	RT +5°C–60°C	Power supply	AC100-120V/AC210-240V
Temperature control	≤ ±0.3°C	Rated power approx	650W
Temperature uniformity	±0.8°C (@ 37 °C)	Overall dimensions	525×770×535mm
Display mode	LCD touch screen	Total weight approx	45kg
Convective mode	forced convection	Noise (dB)	≤55dB

Benchtop full-temperature oscillation incubator



Performance Description

- Adopting the upper door opening design for easy access, realizing the maximum use efficiency with the minimum space. Equipped with automatic defrost function, long time low temperature operation is no worry.
- Equipped with hollow tempered glass door is beautiful and practical, convenient to observe the situation inside the box. Seamless welding inside cavity, waterproof design, easy to clean, equipped with filter magnetic ring to ensure stability.
- Open and stop function improves safety and convenience. Adopting non-fluorine environmental protection refrigerant, low noise and high efficiency refrigeration; Side oxygenation holes to meet the needs of experiments
- Supports Chinese and English interfaces, adapting to different usage habits. Dual USB interface, easy to export and save experimental data. Data storage function, can store data for 5 years
- Using 5 inch LCD system capacitive touch screen; Temperature. Speed. Time. Daylight. UV sterilization display in the same interface, observation is more intuitive. The operation interface is set with password lock, and the password can be customized.
- Automatic recovery from power failure in abnormal situation, more secure data. With sound and light alarm and protection function, alarm information can be recorded and queried.

Specification

Product type	XJ-T1	Control method	P.I.D microcomputer intelligent control
No-load oscillation speed	5 rpm – 320 rpm	Timing range	1min ~ 999h
Speed control accuracy	±1rpm	Rocker plate size	518×424mm
Amplitude of oscillation	Φ26mm	Maximum capacity	250mlX30 or 500mlX20 or 1LX12 or 2LX6
Temperature control range	4 °C~60 °C (RT 23°C-25°C)	Power supply	AC 220 V ±10 %, 50 Hz/60 Hz
Temperature control	±0.1 °C	Rated power approx	700W
Temperature uniformity	±0.8°C (@ 37 °C)	Overall dimensions	908×657×559mm
Display mode	LCD touch screen	Total weight approx	90kg
Convective mode	forced convection	Noise (dB)	≤55dB

Item No.	Name	pic.	note
ZX P01 004	250ml flask holder		complete line
ZX P01 005	500ml flask holder		complete line
ZX P01 006	1000ml flask holder		complete line
ZX P01 007	2000ml flask holder		complete line
ZX P01 008	3000ml flask holder		complete line
ZX P01 009	5000ml flask holder		complete line
ZX P03 001	15mlx40 tube holder (with rubber sleeve)		complete line
ZX P03 002	50mlx21 tube holder (with rubber sleeve)		complete line
ZX P02 002	Adhesive pad (size 300mmx300mm)		complete line
ZX P05 003	Stainless steel universal spring holder		High performance, large capacity
ZX P05 004	Stainless steel universal spring holder		medium capacity

Item No.	Name	pic.	Note
ZX P05 006	Stainless steel universal spring holder		small capacity
ZX P05 007	Stainless steel universal spring holder		desktop
ZX P05 008	Stainless steel universal spring holder		desktop
ZX P06 001	Aluminum Fixture Plate		High performance, large capacity
ZX P06 002	Aluminum Fixture Plate		medium capacity
ZX P06 003	Aluminum Fixture Plate		small capacity
ZX P06 008	Stainless steel universal spring holder		vertical
ZX P07 001	Stainless Steel Tray		vertical
ZX P07 002	Static partition		vertical
ZX P08 001	Pallet Stands		vertical
ZX P08 002	Base Bracket		High performance, large capacity



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